

14 December 1961

MEMORANDUM FOR: Chief, St/I/R  
FROM: Chief, Collection Group, CM/T  
SUBJECT: Requirement for [REDACTED]  
REFERENCE: [REDACTED] 13 October 1961, #

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1. The source of the referenced report is described as [REDACTED]

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2. It is requested that the following requirement be forwarded to DDC. The requirement should be given routine priority.

#### Background

The production and transport of liquid (LOX) is of special interest because of its current use as a missile propellant. One, and possibly two, liquid oxygen production plants are located in L'vov. Both plants are reported to be on the southern outskirts of L'vov, 200-500 meters southeast of the Persenkovka railroad station and a short distance south of the L'vov-Khodorov-Stanislav rail line. The older of the two installations, the L'vov Oxygen Plant of the Chemical Industry of the USSR" (L'vovskiy Kislородnyy Zavod Khimicheskoy Pramyshlennosti SSR), is reported to be 200 meters south-east of the Persenkovka railroad station. The installation is said to be surrounded by a brick wall 2.5 meters high, topped by several strands of barbed wire. The newer of the two installations, designated "Plant No. 31," was built in 1953. It is reported to be some 500 meters southeast of the Persenkovka station, 300 meters east of the old oxygen plant, and 150-200 meters south of the L'vov-Khodorov-Stanislav rail line. A rail spur enters the plant area from this rail line. A brick wall, described by various sources as 6 feet to 3.5 meters high, surrounds the plant; "numerous" two and three-story buildings are said to inside the wall. A section of Plant No. 31 which supplies oxygen for civilian use is reported to be outside the wall.

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The location of the concrete products plant [REDACTED] is not given in the description. It is possible, however, that the installation is the concrete parts plant which is about one kilometer west of the Persenkovka station, at the point where the L'vov-Stryi highway crosses the L'vov-Stanislav rail line (east of the highway, south of the rail line). [REDACTED]

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An annotated mosaic of the L'vov area, [REDACTED] is attached as an aid to the interrogator. An up-to-date town plan of L'vov may be found in the L'vov Town Brief [REDACTED] which should be available in the collection of briefs held by the US Army unit [REDACTED]. It might be noted that this office believes that the "oxygen plant" (item 133) shown on this town plan is not correctly located.

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Requirements

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1. Confirm the location of, and describe both installations (L'vov Oxygen Plant, Plant No. 31). Description, if possible, should include sketches of the exterior of buildings in each plant area and plans showing placement of buildings within each plant area.
2. Is there any indication of continued liquid oxygen (LOX) production at the old oxygen plant (L'vov Oxygen Plant, 200 meters southeast of the Persenkovka station) as evidenced by the presence of LOX rail cars and trucks?
3. At both plants: Describe vehicles and equipment, civilian and military, seen entering, leaving, and parked within the confines of the plants. Descriptions, if possible, should include special markings, insignia, motor vehicle numbers. Describe rail equipment seen within the plant areas or on adjacent sidings. Descriptions, if possible, should include number, color and type of cars, when and where seen, signs of vapor or frosted valves, car serial numbers, special car markings, indication of origin/destination. Describe noises heard in plant areas. Describe electric power lines entering the installations.
4. At both plants: Installations subordinate to or under the control of what civilian governmental agency or military organization? Names of individuals employed (managerial, scientific, transport, labor). What other cryogenic (low temperature) products are produced in addition to LOX? Any indication of quantity, observation (such as number of trucks or tank cars leaving plant each day) or hearsay? Connection or association with other manufacturing establishments in L'vov? With schools or scientific institutes?

5. Locate and describe industrial installations and commercial structures in the Persenkovka area. Of particular interest is the section south of the L'vov-Stanislave rail line. Have source locate the L'vov bicycle factory, the route and terminus of trolley bus line No. 6.

6. The "background" which accompanies the requirements may be forwarded at a Secret level, provided that permission can be obtained from DD/P to remove the Noform caveat from the following information:

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a. [REDACTED] Designation of the oxygen plant built in 1953 as "Plant No. 31".

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b. [REDACTED] Referenced to a section of Plant No. 31 which supplies oxygen for civilian use and is located outside the wall surrounding the plant area.

7. It is requested that this office be informed as soon as possible whether EE has accepted the requirement for DRC.

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Attachment:

1 copy

|  |                     |                   |
|--|---------------------|-------------------|
| TRANSMITTAL SLIP   |                     | DATE<br>27 Dec 61 |
| TO [REDACTED]  |                     |                   |
| ROOM NO.<br>2714   | BUILDING<br>L Bldg. |                   |
| REMARKS:<br>See page 3 of attached<br>requirement. Please<br>call and advise if<br>info can be used<br>without NOFORN restrictions.<br>[REDACTED]<br>[REDACTED] Sorry. [REDACTED] [REDACTED] |                     |                   |
| FROM: St/P/RR--Control   |                     |                   |
| ROOM NO.<br>4F41   | BUILDING<br>Hdqs.   | EXTENSION<br>5160 |

FORM NO. 241  
1 FEB 55

REPLACES FORM 36-8  
WHICH MAY BE USED.

GPO : 1957-O-439445

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